From: Gary Moore
To: DeWitt, Cynthia S
Subject: Fw: ASPECT applications
Date: 04/26/2010 04:37 PM

FYI

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Fw: ASPECT applications

Gary Moore to: charlie.henry 04/26/2010 04:35 PM

Cc: Ed.Levine, Craig Carroll, Shane Hitchcock

Charlie:

Please pass on to Incident Command/Operations the following brochures about EPA air sampling/monitoring assets. This maybe helpful in relation to the reports concerning hydrocarbon odors along the Gulf Coast. See the description of what they recommend in the email below.

ASPECT will take a day to mobe and the TAGA(s) will take at least two for the TAGA so if the FOSC wants them this week he needs to say the word pretty quick.

The contact for specifics on the ASPECT is Tim Curry 816.718.4281. If you want to deploy, please contact me so that I can set it up.

See the brochures.

[attachment "aspect_fact_sheet.pdf" deleted by Gary Moore/R6/USEPA/US]
[attachment "TAGA_ASPECT.pdf" deleted by Gary Moore/R6/USEPA/US]

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----- Forwarded by Gary Moore/R6/USEPA/US on 04/26/2010 04:09 PM -----

ASPECT applications

Timothy Curry to: Gary Moore

04/26/2010
03:47 PM

Cc: Markj Thomas

Hello Gary,
Nice to talk with you on the three-way call with Mark. I'm not sure why but there was a lot of static and dropout on the line. I'm sending this email so you can have a quick link to send any additional questions or clarifications if needed. Just to recap ASPECT has potential applications for response to the ongoing release in the Gulf. It could be used to monitor the atmosphere for some volatile compounds that may be found in the crude. This would best be done by collecting data near the release area and defining which compounds and relative concentrations we could detect with the system. Then ASPECT could be flown near the coastal areas that have reported odors for those signature compounds. This would provide a positive or negative indication of an atmospheric impact in those areas from the release. Along with any data collections we would also include aerial photos, video and infrared images that have potential to be used for tracking the plume.

In short I see this as a step wise process. The data collection at the source would come first, taking about eight to ten hours to complete. The cost for that would roughly be $8000. Once that is complete the additional areas to screen could be defined and costs estimated for those data collection efforts. I'm assuming you will need to discuss this with the incident management team and they may have questions so feel free to call or direct them our way as needed.